

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	(acquir\$3 or obtain\$3 or control\$3) with (( updat\$3 or modif\$4) near (software or firmware or freeware or upgrade or shareware)) with ((image forming ) near (device or apparatus)) and (encrypt\$3 or decrypt\$3 or authentic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/04 11:10
S2	22	(acquir\$3 or obtain\$3 or control\$3) with (( updat\$3 or modif\$4) near (software or firmware or freeware or upgrade or shareware)) with ((image forming ) near (device or apparatus))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/04 12:52
S3	273	("713".clas. or "380".clas. or "726". clas.) and (image near form\$3 near(device or apparatus))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/04 12:57
S4	0	S3 and ((( stor\$3 or memory) near program) with ((acquir\$3 or retriev\$3 or obtain\$3) near ("update program" or update or program)) with ((updat\$3 or judg\$3 or compar\$3 or determin\$3) near (authentic\$3 or electronic signature or message or digest)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/04 13:06
S5	0	S3 and ((( stor\$3 or memory) near program) with ((acquir\$3 or retriev\$3 or obtain\$3) near ("update program" or update or program)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/04 13:07
S6	9	S3 and (( stor\$3 or memory) near program) with ((acquir\$3 or retriev\$3 or obtain\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/04 13:10

## EAST Search History

S7	86	S3 and (electronic signature or encrypt or decrypt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/04 13:13
S8	0	"713189".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/04 13:13
S9	0	"713/189".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/04 13:21
S10	1189	713/189.ccls. or 713/189.cixr. or 713/189.cior.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/04 13:22
S11	34	S10 and ( updat\$ near (software or freeware or program or firmware))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/04 14:19
S12	37	S10 and ( updat\$ near (software or freeware or program or firmware))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/04 14:37
S13	2	"6976163".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/04 14:37

## EAST Search History

S14	6	("5022077"   "5293424"   "5579522"   "5844986").PN. OR ("6976163").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/04 14:56
S15	47	((software or firmware) near (updat\$3 or upgrad\$3)) with (electronic signature or digital signature)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/04 16:00
S16	29	((software or firmware) near (updat\$3 or upgrad\$3)) with (image forming)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/04 16:12
S17	5	((software or firmware) near (updat\$3 or upgrad\$3)) with ((compar\$3 or determin\$3 or judg\$3) near (message or digest or electronic signature or digital signature))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/04 16:19
S18	1175	((software or firmware) near (updat\$3 or upgrad\$3)) and (digital signature or electronic signature) and (stor\$3 or memory) and (compar\$3 or acquir\$3 or retriev\$3 or judg\$3 or activat\$3 or configurat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/09 12:47
S19	1066	((software or firmware) near (updat\$3 or upgrad\$3)) and (digital signature or electronic signature) and (stor\$3 or memory) and (compar\$3 and acquir\$3 or retriev\$3 or judg\$3 or activat\$3 or configurat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/04 16:24
S20	0	((software or firmware) near (updat\$3 or upgrad\$3)) and (digital signature or electronic signature) and (stor\$3 or memory) and (compar\$3 and acquir\$3 and dtermin\$3 and activat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/04 16:25
S21	296	((software or firmware) near (updat\$3 or upgrad\$3)) and (digital signature or electronic signature) and (stor\$3 or memory) and (compar\$3 and acquir\$3 and determin\$3 and activat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/04 16:26
S22	296	S21 and (digital signature or electronic signature)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/04 16:27
S23	266	S21 and configuration	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/04 16:27

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S24	253	S23 and (decrypt\$3 near electronic signature or digital signature)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/04 16:29
S25	4	S23 and (decrypt\$3 near ((electronic signature) or (digital signature)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/05 07:43
S26	1	"6952525".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/05 07:44
S27	1	"6952535".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/05 08:28
S28	1	"6581159".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/05 08:28
S29	0	"6546492.pn"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/07 10:27
S30	0	"6546492.pn."	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/07 10:28
S31	2	"6009524".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/07 10:28
S32	809	((software or firmware) near updat\$3) and (digital signature or electronic signature) and (memory or stor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/07 10:33
S33	72	S32 and (configuration same (electronic signature or digital signature))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/07 10:55

## EAST Search History

S34	186	S32 and "713".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/07 10:56
S35	172	S34 not S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/09 07:39
S36	69	((Software or firmware) near (updat\$3)) with (electronic signature or digital signature or es or ds) with (memory or stor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/09 07:46
S37	3	((Software or firmware) near (updat\$3)) with (electronic signature or digital signature) with (memory or stor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/09 08:16
S38	4	((Software or firmware) near (updat\$3 or upgrad\$3)) with (electronic signature or digital signature) with (memory or stor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/09 08:31
S39	4	((Software or firmware) near (updat\$3 or upgrad\$3)) with (electronic signature or digital signature or "s-signature") with (memory or stor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/09 08:31
S40	0	((software or firmware) near (updat\$3 or upgrad\$3)) and (digital signature or electronic signature) and (stor\$3 or memory)) with ((configuration or update program ) near (electronoc signature or digital signature))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/09 12:51

## EAST Search History

S41	320	(configuration or updat\$3 program) with ( electronic signature or digital signature)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/09 12:52
S42	33	S41 and ( configuration near (electronic signature or digital signature))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/09 13:04
S43	1	S41 and (( configuration and (updat\$3 or upgrad\$3)) near (electronic signature or digital signature))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/09 16:27
S44	12	(configuaration file or update program) with (electronic signature or digital signature)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/09 16:28